ORDER NO. SD83062527C8

Service Manual

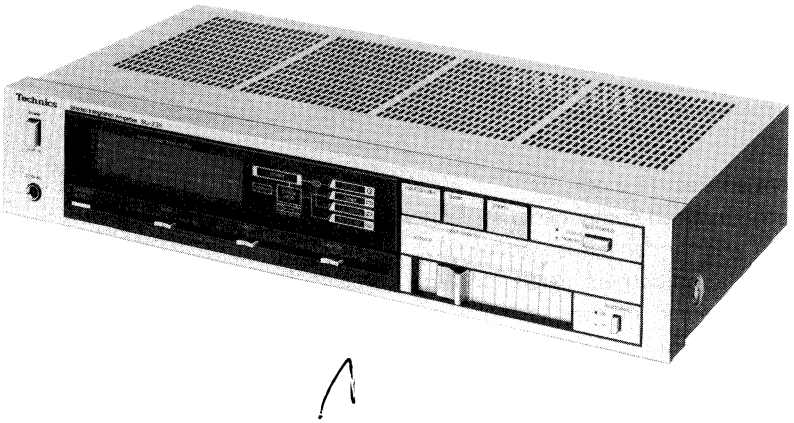
Stereo Integrated Amplifier

SU-Z35

[E], [EGA], [EK], [EF], [EH], [EB], [Ei], [XA], [XL], [PC]

SU-Z35(K)

[E], [EGA], [EH], [XA], [PC]



* The colors of this model included silver and black.
* The black type model is provided with (K) in the Service Manual.

Areas

* [E] is available in Scandinavia and Switzerland.
* [EGA] is available in F.R. Germany.
* [EK] is available in United Kingdom.
* [EF] is available in France.
* [EH] is available in Holland.
* [EB] is available in Belgium.
* [Ei] is available in Italy.
* [XA] is available in Southeast Asia, Oceania, Africa, Middle Near East and Central South America.
* [XL] is available in Australia.
* [PC] is available in European Audio Club.

Specifications

(Specifications are subject to change without notice for further improvement.)

(DIN 45 500)

■ AMPLIFIER SECTION

1 kHz continuous power output	
both channels driven	2 × 32W (8Ω)
	2 × 40W (4Ω)
40 Hz~20 kHz continuous power output	
both channels driven	2 × 30W (8Ω)
	2 × 32W (4Ω)
Total harmonic distortion	
rated power at 1 kHz	0.03% (8Ω)
	0.05% (4Ω)
rated power at 40 Hz~20 kHz	0.03% (8Ω)
	0.05% (4Ω)
half power at 1 kHz	0.005% (8Ω)
	0.007% (4Ω)
half power at 40 Hz~20 kHz	0.03% (8Ω)
	0.05% (4Ω)
−26 dB power at 1 kHz	0.01% (4Ω)
50 mW power at 1 kHz	0.01% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8 kHz=4:1, 4Ω	0.05%
rated power at 60 Hz: 7 kHz=4:1, SMPTE, 8Ω	0.03%
Power bandwidth	
both channels driven, −3 dB	10 Hz~25 kHz (4Ω)
	10 Hz~25 kHz (8Ω)
Residual hum and noise	0.8 mV
Damping factor	20 (4Ω), 40 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47kΩ
TUNER, AUX/CD/VIDEO, TAPE	150 mV/22kΩ
PHONO maximum input voltage (1 kHz, RMS)	150 mV
Frequency response	
PHONO	RIAA standard curve
	±0.8 dB (30 Hz~15 kHz)
TUNER, AUX/CD/VIDEO, TAPE	10 Hz~80 kHz (−3 dB)
S/N	
rated power (4Ω)	
PHONO	72 dB (IHF, A: 72 dB)
TUNER, AUX/CD/VIDEO, TAPE	86 dB (IHF, A: 97 dB)
−26 dB power (4Ω)	
PHONO	65 dB
TUNER, AUX/CD/VIDEO, TAPE	65 dB
50 mW power (4Ω)	
PHONO	62 dB
TUNER, AUX/CD/VIDEO, TAPE	62 dB
Tone controls	
BASS	50 Hz, +10 dB~ −10 dB
TREBLE	20 kHz, +10 dB~ −10 dB
Loudness control (volume at −30 dB)	50 Hz, +9 dB
Output voltage and impedance	
REC OUT	150 mV
Channel balance, AUX/CD/VIDEO 250 Hz~6,300 Hz	±1 dB
Channel separation, AUX/CD/VIDEO, 1 kHz	50 dB
Headphones output level and impedance	360 mV/330Ω
Load impedance	4Ω~16Ω

■ GENERAL

Power consumption	260W
Power supply	
For United Kingdom and Australia	AC 50Hz/60Hz, 240V
For continental Europe	AC 50Hz/60Hz, 220V
For others	AC 50Hz/60Hz, 110V/120V/220V/240V
Dimensions (W×H×D)	430 × 86 × 240 mm
	(16-15/16" × 3-3/8" × 9-7/16")
Weight	4.6 kg
	(10.2 lb.)

Note:
Total harmonic distortion is measured by the digital spectrum analyzer (H.P. 3045 system).

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

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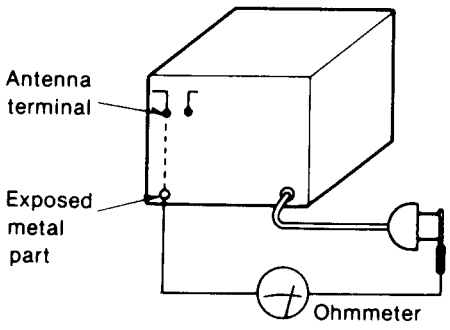
■ SAFETY PRECAUTION

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

• INSULATION RESISTANCE TEST

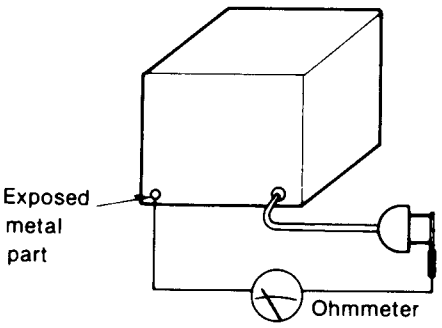
1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads antenna, control shafts, handle brackets, etc. Equipment with antenna terminals should read between 3MΩ and 5.2MΩ to all exposed parts. (Fig. A) Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig. B)

Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.



(Fig. A)

Resistance = 3MΩ—5.2MΩ



(Fig. B)

Resistance = Approx ∞

4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

■ PROTECTION CIRCUITRY

The protection circuitry may have operated if eigher of the following conditions is noticed:

- No sound is heard when the power is turned on.
- Sound stops during performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlined below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again

Note:

When the protection circuitry functions the unit will not operate unless the power is first turned off and then on again.

ORDER NO. HAD8507217A2

Service Manual

Stereo Integrated Amplifier

Amplifier

SU-Z35

Color

(K)·····Black Type

Color	Area
(K)	[EF]·····France

Please use this manual together with the service manual for Model No. SU–Z35, Order No. SD83062527C8.

CHANGE

■ REPLACEMENT PARTS LIST

Note:

Mentioned in this parts list are only those changed in Model No. SU–Z35 for destination [EF] area (Silver type).

Ref.No.	Change of Parts No. SU-Z35[EF]Silver Type ➡ SU-Z35[EF]Black Type		Part Name & Description	Pcs /Set	Remarks
CABINET and CHASSIS PARTS					
1	SGWUZ35SE	SGWUZ35KE	Front Panel Ass'y	1	
3	SGUUZ55-SE	SGUUZ35-SD	Transparent Plate	1	
5	SBW423-2	SBW423-3C	Button,AUX	1	
6	SBW423-1	SBW423-3B	Button,Tuner	1	
7	SBW423	SBW423-3A	Button,Phono	1	
11	SGX7531	SGX7531-9	Sub Front Panel	1	
21	SGXUZ55-SE1	SGXUZ55-KE1	Ornament Plate	1	
22	SKC1550S1	SKC1550BB1	Cabinet	1	
24	SHR9675	SHR9675-1	Holder	1	
SCREW					
N9	SNE2095-2	SNE2095-5	Cabinet	2	
ACCESSORY					
A4	SQF11797	SQF11797-1	Instruction Book	1	
PACKING PART					
P6	———	SGK1413	Addition,Label	2	

Technics

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P.O. Box 288, Central Osaka Japan
Printed in Japan
850702000 Ⓝ IM

ORDER NO. HAD84080162P9

Parts Change Notice

Model No. SU-Z35 [E, EGA, EK, EF, EH, EB, Ei, XA, XL, PC]

Service Manual Order No. SD83062527C8

Please revise the original parts list in the Service Manual to conform to the change (s) shown herein. If new part numbers are shown, be sure to use them when orderring parts.

Reason for Change *The circled item indicates the reason. If no marking, see the Notes in the bottom column.

1.	Improve performance
2.	Change of material or dimension
3.	To meel approved specification
4.	Standardization
5.	Addition
6.	Deletion
7.	Correction
8.	Other

Interchangeability Code **The circled item Indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original	⇄	Early	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
	New		Late	
B	Original	→	Early	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
	New	↗	Late	
C	Original	↗	Early	New parts only may be used in early or late production sets. Stock new parts.
	New	→	Late	
D	Original	→	Early	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
	New	→	Late	
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes (***)	Part Name & Descriptions	
CABINET and CHASSIS PARTS						
SU-Z35	3	SGUUZ55–SE	SGUUZ35–SD	7/D	Transparent Plate Ass'y	

File this Parts Change Notice with your copy of the Service Manual.

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P.O. Box 288, Central Osaka Japan

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ORDER NO. SD83062527C8—A

Stereo Integrated Amplifier SU-Z35/SU-Z35(K)

DEUTSCH

- This booklet contains the specifications for SU-Z35, written in Germany, French and Spanish, and the circuits to be changed according to areas.
- File this manual together with the SU-Z35 service manual (Order No. SD83062527C8).

- Diese Broschüre enthält die technischen Daten und die Beschreibungen der Justiermethoden für SU-Z35 in deutscher, französischer und spanisher Sprache, sowie die entsprechend dem Gebiet zu ändernden Schaltungen.
- Bewahren Sie das Büchlein zusammen mit der Bedienungsanleitung für SU-Z35 (Bestell-Nr. SD83062527C8) auf.

- Cette brochure contient les spécifications et les procédures de réglage pour le SU-Z35, écrites en allemand, en français et en espagnol et explique les circuits devant être modifiés selon les régions.
- Classer ce manuel en même temps qu'avec le manuel de service du SU-Z35 (N° d'ordre : SD83062527C8).

- Este librito contiene las especificaciones y procedimientos de ajuste para SU-Z35, escritas en alemán, francés y español, y los circuitos a cambiarse según las áreas.
- Guardar este manual juntamente con el manual de servicio de SU-Z35 (Pedido N°. SD83062527C8).

DEUTSCH

■ TECHNISCHE DATEN (Spezifikationen Können infolge von Verbesserungen ohne Ankündigung geändert werden.)

(DIN 45 500)

■ VERSTÄRKERTEIL

Dauerton-Ausgangsleistung bei 1 kHz	
beide Kanäle ausgesteuert	2 × 32W (8 Ω)
	2 × 40W (4 Ω)
Dauerton-Ausgangsleistung bei 40 Hz ~ 20 kHz	
beide Kanäle ausgesteuert	2 × 30W (8 Ω)
	2 × 32W (4 Ω)
Gesamtklirrfaktor	
Nennleistung bei 1 kHz	0,03% (8 Ω)
	0,05% (4 Ω)
Nennleistung bei 40 Hz ~ 20 kHz	0,03% (8 Ω)
	0,05% (4 Ω)
halbe Nennleistung bei 1 kHz	0,005% (8 Ω)
	0,007% (4Ω)
halbe Nennleistung bei 40 Hz ~ 20 kHz	0,03% (8 Ω)
	0,05% (4 Ω)
−26 dB Leistung bei 1 kHz	0,01% (4 Ω)
50 mW Leistung bei 1 kHz	0,01% (4 Ω)
Intermodulationsfaktor	
Nennleistung bei 250 Hz: 8 kHz = 4:1, 4 Ω	0,05%
Nennleistung bei 60 Hz: 7 kHz = 4:1, nach SMPTE, 8 Ω	0,03%
Leistungsbandbreite	
beide Kanäle ausgesteuert bei −3 dB	
	10 Hz ~ 25 kHz (4 Ω)
	10 Hz ~ 25 kHz (8 Ω)
Restbrumm und Geräusch	0,8 mV
Dämpfungsfaktor	20 (4 Ω), 40 (8 Ω)
Eingangsempfindlichkeit und -impedanz	
Phono	2,5 mV/47 kΩ
TUNER, AUX/CD/VIDEO, TAPE	150 mV/22 kΩ
Maximale TA-Eingangsspannung (1 kHz, eff.)	150 mV
Geräuschabstand	
Nennleistung (4 Ω)	
Phono	72 dB (nach IHF, A: 72 dB)
TUNER, AUX/CD/VIDEO, TAPE	86 dB (nach IHF, A: 97 dB)
−26 dB Leistung (4 Ω)	
Phono	65 dB
TUNER, AUX/CD/VIDEO, TAPE	65 dB
50 mW Leistung (4 Ω)	
Phono	62 dB
TUNER, AUX/CD/VIDEO, TAPE	62 dB
Frequenzgang	
Phono	RIAA-Standardkurve
	±0,8 dB (30 Hz ~ 15 kHz)
TUNER, AUX/CD/VIDEO, TAPE	10 Hz ~ 80 kHz (−3 dB)
Klangregler	
Baßregler (BASS)	50 Hz, +10 dB ~ −10 dB
Höhenregler (TREBLE)	20 kHz, +10 dB ~ −10 dB
Gehörrichtige Lautstärkekorrektur (Loudness)	
(bei −30 dB Ausgangsleistung)	50 Hz, +9 dB
Ausgangsspannung und -impedanz	
Aufnahmeausgang (REC OUT)	150 mV
Kanalabweichung (AUX/CD/VIDEO, 250 Hz ~ 6300 Hz)	±1 dB
Übersprechdämpfung (AUX/CD/VIDEO 1 kHz)	50 dB
Kopfhörerpegel und -impedanz	360 mV/330 Ω
Lautsprecherimpedanz	4 Ω ~ 16 Ω

■ ALLGEMEINE DATEN

Leistungsaufnahme	260 W
Netzspannung	
Für Kontinentaleuropa	Wechselstrom 50 Hz/60 Hz, 220V
Für andere Länder	Wechselstrom 50 Hz/60 Hz, 110V/120V/220V/240V
Abmessungen (B×H×T)	430 × 86 × 240 mm
Gewicht	4,6 kg

Bemerkung:
Der Gesamtklirrfaktor wurde mit einem digitalen Rauschspektrometer (Anlage H.P. 3045) gemessen.

FRANÇAIS

■ CARACTERISTIQUES (Sujet á changement sans préaris.)

(DIN 45 500)

■ SECTION AMPLIFICATEUR

Puissance de sortie continue à 1 kHz
les deux canaux en circuit 2 × 32W (8Ω)
2 × 40W (4Ω)
Puissance de sortie continue de 40 Hz~20 kHz,
les deux canaux en circuit 2 × 30W (8Ω)
2 × 32W (4Ω)
Distorsion harmonique totale
à puissance nominale (1 kHz) 0,03% (8Ω)
0,05% (4Ω)
à puissance nominale (40 Hz~20 kHz) 0,03% (8Ω)
0,05% (4Ω)
à demi-puissance (1 kHz) 0,005% (8Ω)
0,007% (4Ω)
à demi-puissance (40 Hz~20 kHz) 0,03% (8Ω)
0,05% (4Ω)
puissance de −26 dB à 1 kHz 0,01% (4Ω)
puissance de 50 mW à 1 kHz 0,01% (4Ω)
Distorsion d'intermodulation
à puissance nominale à 250 Hz: 8 kHz=4:1, 4Ω 0,05%
à puissance nominale à 60 Hz: 7 kHz=4:1, SMPTE, 8Ω 0,03%
Réponse de fréquences
les deux canaux en circuit, −3 dB 10 Hz~25 kHz (4Ω)
10 Hz~25 kHz (8Ω)
Bruit et ronflement résiduels 0,8 mV
Coefficient d'amortissement 20 (4Ω), 40 (8Ω)
Sensibilité et impédance d'entrée
PHONO 2,5 mV/47kΩ
SYNTONISATEUR, AUX/CD/VIDEO, BANDE (TUNER, AUX/CD/VIDEO, TAPE) 150 mV/22kΩ
PHONO (tension d'entrée maximum, 1 kHz RMS) 150 mV
Signal/Bruit
à puissance nominale (4Ω)
PHONO 72 dB (IHF, A: 72 dB)
SYNTONISATEUR, AUX/CD/VIDEO, BANDE (TUNER, AUX/CD/VIDEO, TAPE) 86 dB (IHF, A: 97 dB)
puissance de −26 dB (4Ω)
PHONO 65 dB
SYNTONISATEUR, AUX/CD/VIDEO, BANDE (TUNER, AUX/CD/VIDEO, TAPE) 65 dB
puissance de 50 mW (4Ω)
PHONO 62 dB
SYNTONISATEUR, AUX/CD/VIDEO, BANDE (TUNER, AUX/CD/VIDEO, TAPE) 62 dB
Réponse de fréquence
PHONO Courbe nominale RIAA ±0,8 dB (30 Hz~15 kHz)
SYNTONISATEUR, AUX/CD/VIDEO, BANDE (TUNER, AUX/CD/VIDEO, TAPE) 10 Hz~80 kHz (−3 dB)
Réglage de la tonalité
BASSES (BASS) 50 Hz, +10 dB~ −10 dB
AIGUS (TREBLE) 20 kHz, +10 dB~ −10 dB
Compensateur physiologique (volume à −30 dB) 50 Hz, +9 dB
Tension de sortie et impédance
SORTIE ENREGISTREMENT (REC OUT) 150 mV
Equilibrage des canaux, AUX/CD/VIDEO 250 Hz~6 300 Hz ±1 dB
Séparation des canaux, AUX/CD/VIDEO 1 kHz 50 dB
Niveau de sortie des casques et impédance 360 mV/330Ω
Impédance de charge 4Ω~16Ω

■ DIVERS

Consommation 260W
Alimentation
Pour l'Europe CA 50 Hz/60 Hz, 220V
Autres CA 50 Hz/60 Hz, 110V/120V/220V/240V
Dimensions (L×H×Pr) 430 × 86 × 240 mm
Poids 4,6 kg

Nota:
La Société NATIONAL-PANASONIC-FRANCE, importateur du matériel MATSUSHITA-ELECTRIC déclare que cet appareil est conforme aux prescriptions de la directive 76/889/C.E.E. (arrêté 14 Janvier 1980).

Remarque:
On mesure la distorsion harmonique totale au moyen d'un analyseur de spectre digital (Système H.P. 3045).

ESPAÑOL

■ ESPECIFICACIONES (Estas especificaciones están sujetas a cualquier cambio sin previo eviso.)

(DIN 45 500)

■ SECCION AMPLIFICADOR

Potencia continua de 1 kHz en ambos canales	2 × 32W (8Ω) 2 × 40W (4Ω)
Potencia continua de 40 Hz~20 kHz en ambos canales	2 × 30W (8Ω) 2 × 32W (4Ω)
Distorsión armónica total	
potencia de régimen a 1 kHz	0,03% (8Ω) 0,05% (4Ω)
potencia de régimen a 40 Hz~20 kHz	0,03% (8Ω) 0,05% (4Ω)
mitad de potencia a 1 kHz	0,005% (8Ω) 0,007% (4Ω)
mitad de potencia a 40 Hz~20 kHz	0,03% (8Ω) 0,05% (4Ω)
−26 dB de potencia a 1 kHz	0,01% (4Ω)
50 mW de potencia a 1 kHz	0,01% (4Ω)
Distorsión por intermodulación	
potencia de régimen a 250 Hz: 8 kHz=4:1, 4Ω	0,05%
potencia de régimen a 60 Hz: 7 kHz=4:1, SMPTE, 8Ω	0,03%
Ancho de banda de potencia con ambos canales, −3 dB	10 Hz~25 kHz (4Ω) 10 Hz~25 kHz (8Ω)
Zumbido residual y ruido	0,8 mV
Factor de amortiguamiento	20 (4Ω), 40 (8Ω)
Sensibilidad e impedancia de entrada	
TOCADISC. (PHONO)	2,5 mV/47kΩ
SINTON., AUX./CD/VIDEO, GRAB. (TUNER, AUX/CD/VIDEO, TAPE)	150 mV/22kΩ
Voltaje máximo de entrada de PHONO (1 kHz, RMS)	150 mV
Relación de señal a ruido	
potencia de régimen (4Ω)	
TOCADISC. (PHONO)	72 dB (IHF, A: 72 dB)
SINTON., AUX./CD/VIDEO, GRAB. (TUNER, AUX/CD/VIDEO, TAPE)	86 dB (IHF, A: 97 dB)
−26 dB de potencia (4Ω)	
TOCADISC. (PHONO)	65 dB
SINTON., AUX./CD/VIDEO, GRAB. (TUNER, AUX/CD/VIDEO, TAPE)	65 dB
50 mW de potencia (4Ω)	
TOCADISC. (PHONO)	62 dB
SINTON., AUX./CD/VIDEO, GRAB. (TUNER, AUX/CD/VIDEO, TAPE)	62 dB
Respuesta de frecuencia	
TOCADISC. (PHONO)	curva RIAA estándar ±0,8 dB (30 Hz~15 kHz)
SINTON., AUX./CD/VIDEO, GRAB. (TUNER, AUX/CD/VIDEO, TAPE)	10 Hz~80 kHz (−3 dB)
Controles de tono	
BAJOS (BASS)	50 Hz, +10 dB~ −10 dB
AGUDOS (TREBLE)	20 kHz, +10 dB~ −10 dB
Control de sonoridad (volumen a −30 dB)	50 Hz, +9 dB
Voltaje e impedancia de salida	
SAL. GRAB. (REC OUT)	150 mV
Equilibrio de canales, AUX/CD/VIDEO 250 Hz~6 300 Hz	±1 dB
Separación de canales, AUX/CD/VIDEO 1 kHz	50 dB
Impedancia y nivel de salida de los auriculares	360 mV/330Ω
Impedancia de carga	4Ω~16Ω

■ GENERAL

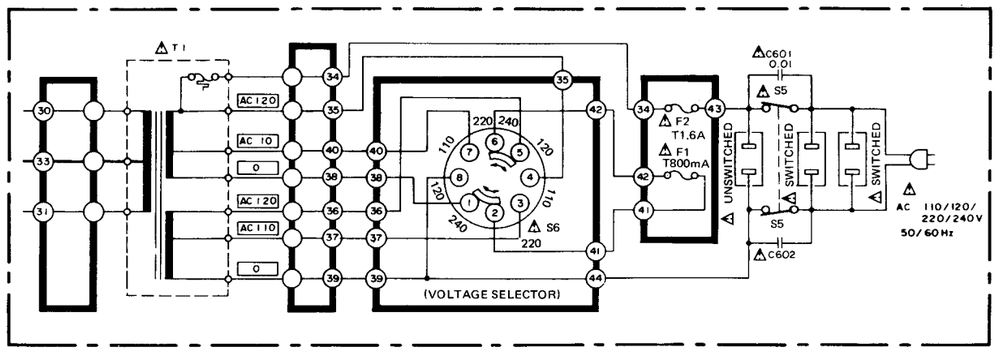
Consumo de energía	260W
Alimentación de energía	
Para Europa continental	CA 50 Hz/60 Hz, 220V
Para otros paises	CA 50 Hz/60 Hz, 110V/120V/220V/240V
Dimensiones (An.×Al.×Prof.)	430 × 86 × 240 mm
Peso	4,6 kg

Nota:
La distorsión armónica total se mide con el analizador de espectro digital (sistema H.P. 3045).

■ CIRCUITS TO BE CHANGED AND THE AREAS

- **Power source circuit**

[XA] area



[XA] is available in Southeast Asia, Oceania, Africa, Middle Near East and Central South America.

[EF] area

[EGA] area

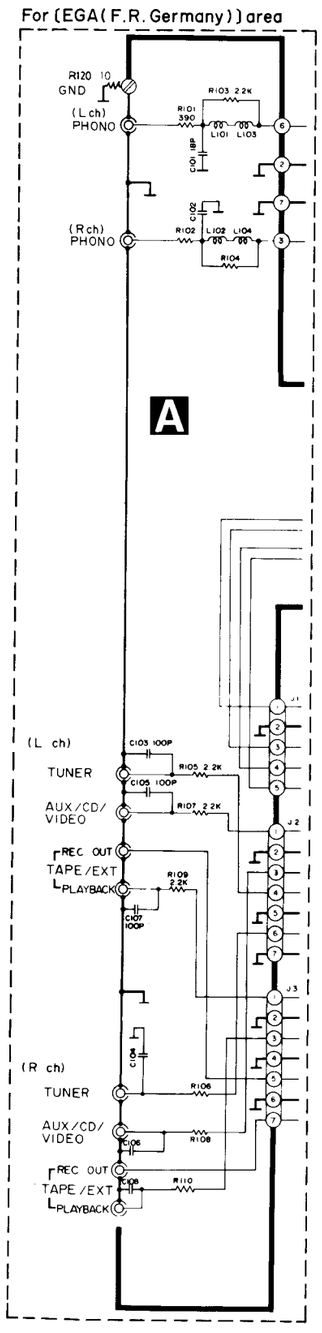
[XL] area

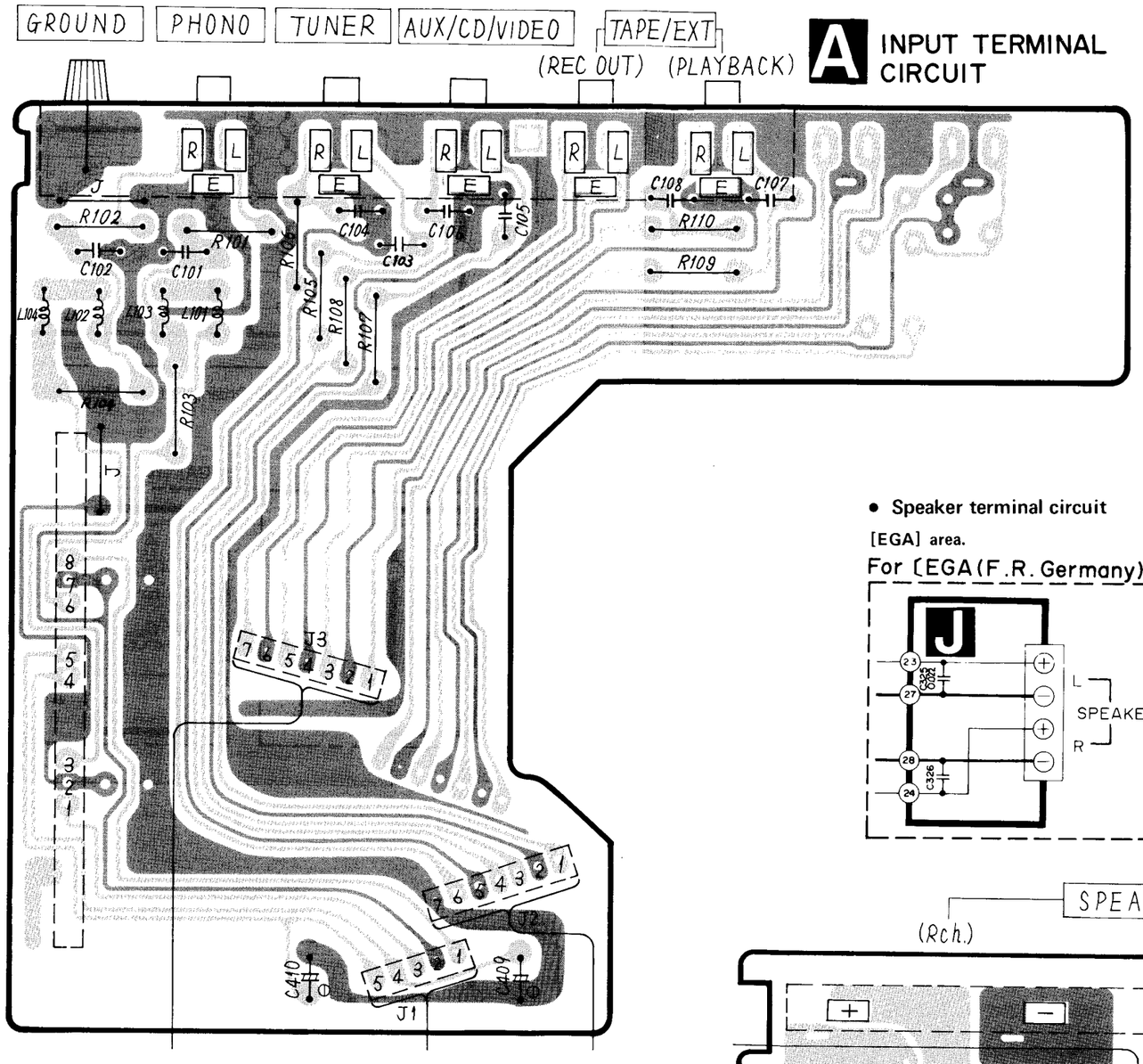
[EF] is available in France.
[EGA] is available in F. R. Germany.
[XL] is available in Australia.

[Continental Europe]

- **Input/output terminal circuit**

[EGA] area

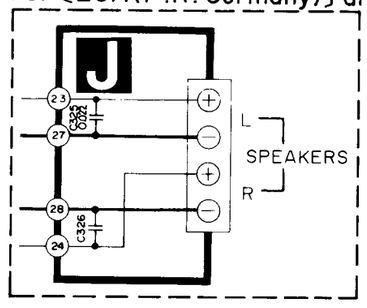


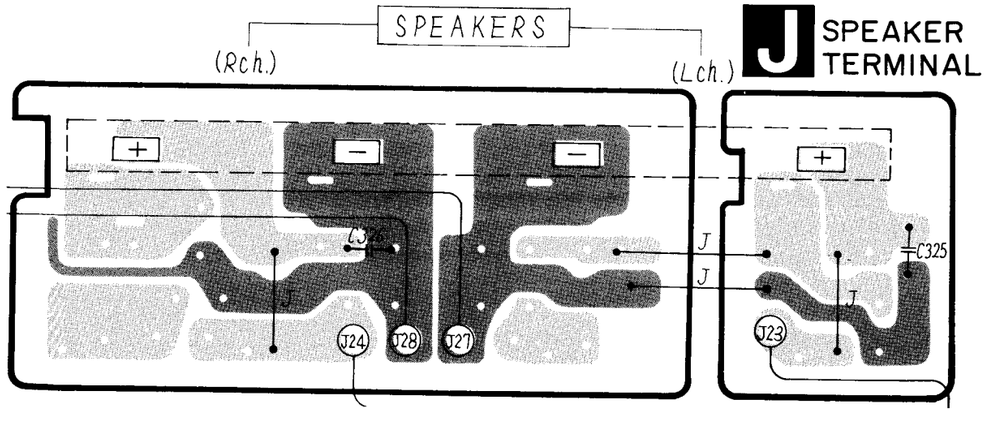


- **Speaker terminal circuit**

[EGA] area.

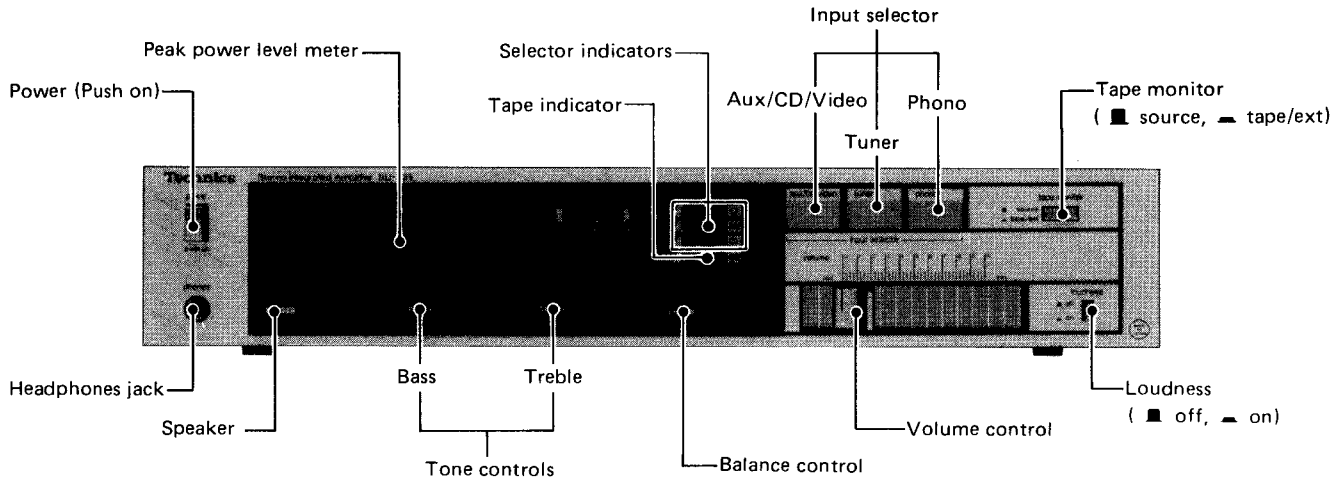
For [EGA(F.R.Germany)] area

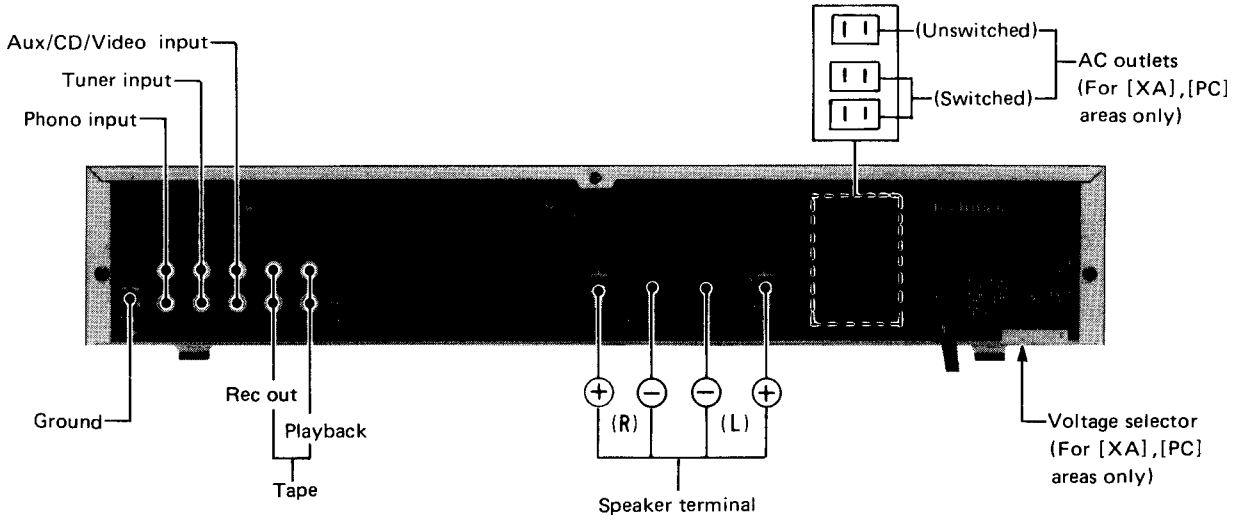




Printed in Japan
830609100 ㊎ YK/IM

■ LOCATION OF CONTROLS





- The power supply for this unit varies depending upon the areas. Also, the parts used for power supply are different. So, refer to the circuit diagram and the replacement parts list.

* [XA, PC] areas is provided with voltage selector and AC outlets.
* 240V (50/60Hz) for Australia and United Kingdom.
* 220V (50/60Hz) for Continental Europe.
* 110V/120V/220V/240V (50/60Hz) for other [XA, PC] areas.
* Phono input capacitance is about 150pF.

■ BEFORE REPAIR AND ADJUSTMENT

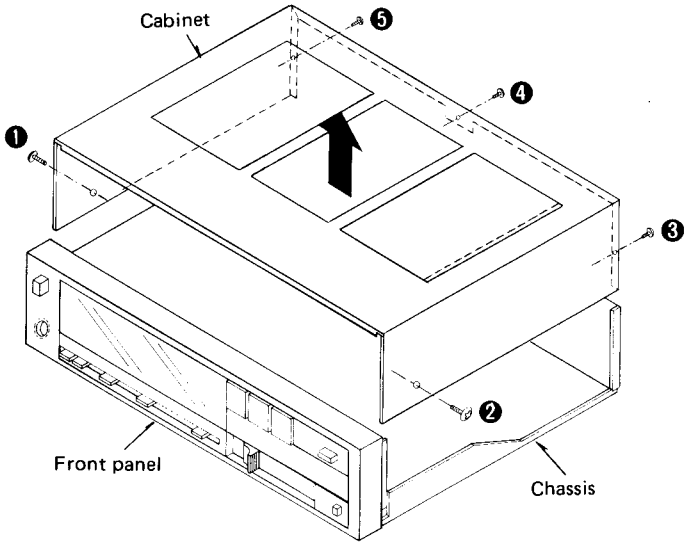
1. Turn off the power supply and short-circuit of power supply capacitors (C406, C407, 4700μF) at resistance (about 10Ω, 5W) in order to discharge the charged voltage. Do not short between C406/C407 by screwdriver. It may damage the component.
2. Before turning on the power supply after completion of repair, slowly apply the primary voltage by using a power supply voltage controller to make sure that the consumed current is free of abnormality. The consumed current at 60Hz/50Hz in no signal mode is shown below with respect to supply voltage 110V/120V/220V/240V.

Power supply voltage		AC110V	AC120V	AC220V	AC240V
Consumed current	50 Hz	130 ~ 270 mA	120 ~ 240 mA	65 ~ 135 mA	60 ~ 120 mA
	60 Hz	130 ~ 270 mA	120 ~ 240 mA	65 ~ 135 mA	60 ~ 120 mA

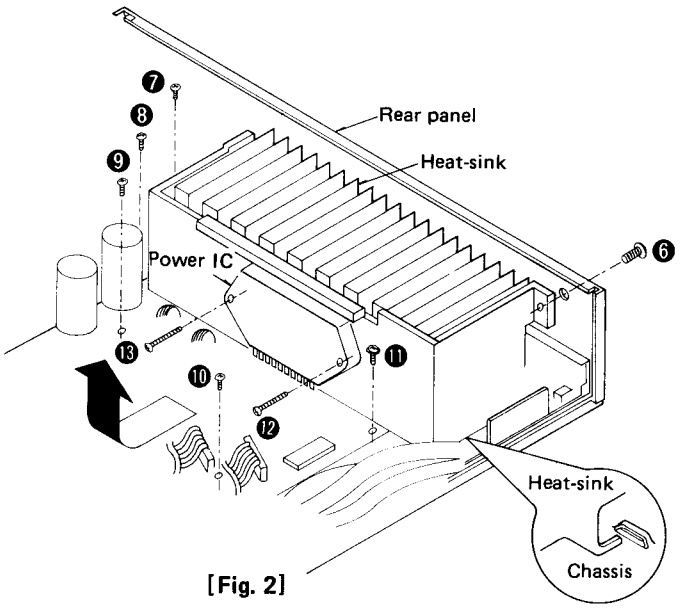
■ DISASSEMBLY INSTRUCTIONS

• How to remove the cabinet [Fig. 1]

1. Remove the 2 setscrews [Fig. 1: ❶, ❷] on the side and 3 setscrews [Fig. 1: ❸ ~ ❺] on the back of the cabinet.
2. Remove the cabinet upward.



[Fig. 1]



[Fig. 2]

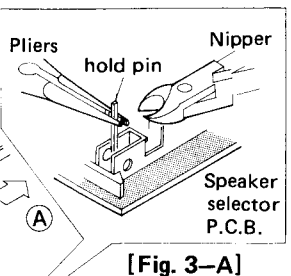
• How to remove the power amplifier IC [Fig. 2]

1. Remove the cabinet. [See Fig. 1]
2. Remove the 7 setscrews [Fig. 2: ❻ ~ ⓫] on the chassis and then remove the main P.C.B. with heat-sink from the chassis.
3. Unsolder of power IC.
4. Remove the 2 setscrews [Fig. 2: ⓬, ⓭] used to secure the power IC on the heat-sink, and then pull the power IC.

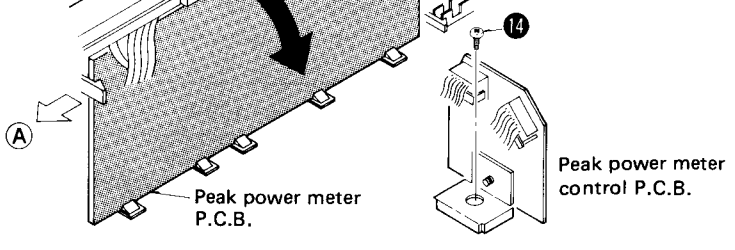
Note: When mounting the power IC, apply silicone compound or equivalent heat diffuser to the rear side of power IC, and then follow the set 1 ~ 4 reversely.

• How to remove the peak power meter [Fig. 3]

1. Remove the cabinet. [See Fig. 1]
2. To remove the setscrew [Fig. 3: ⓮] of the peak power meter control P.C.B.
3. Set the pliers etc, on hold pin fixed the speaker selector P.C.B. and cut it of the nipper. (Refer to Fig. 3–A)
4. Remove the peak power meater P.C.B., release the claw in the direction of arrow Ⓐ, and insert a blade screwdriver wapped with cloth into the gap between front panel and peak power meter P.C.B.



[Fig. 3–A]

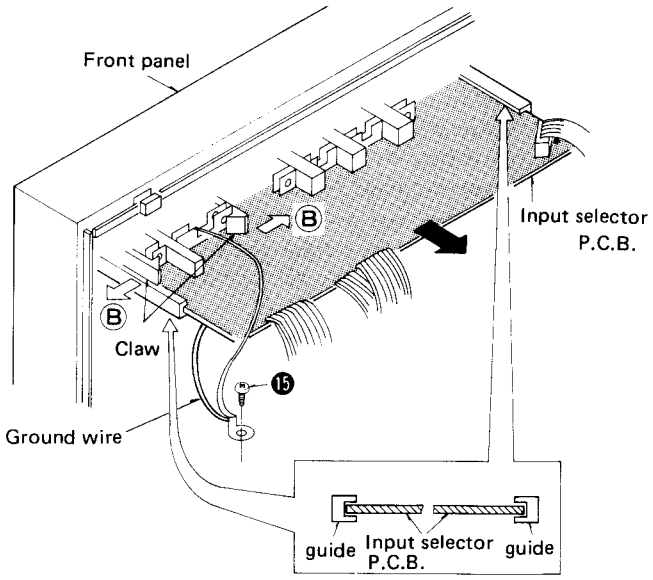


[Fig. 3]

- **How to remove the input selector P.C.B. [Fig. 4]**

1. Remove the cabinet. [See Fig. 1]
2. Remove the setscrew [Fig. 4: ⑮] of the ground wires.
3. Remove the input selector P.C.B., release the claws in the direction of arrow Ⓑ, and pull out the P.C.B. toward the back of front panel.

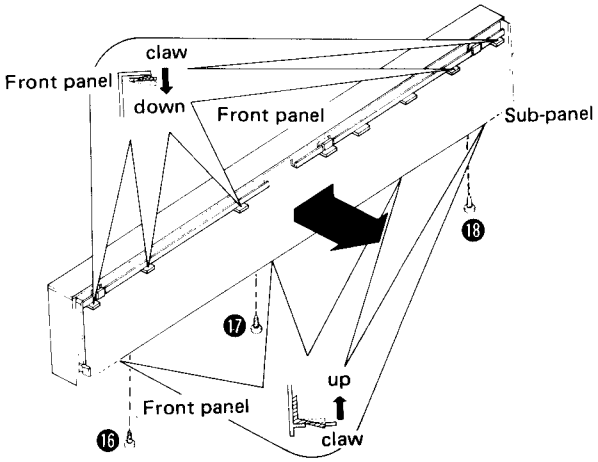
Note: Insert a input selector P.C.B. into the guide.



[Fig. 4]

- **How to remove the front panel and sub-panel [Fig. 5]**

1. Remove the 3 set screws [Fig. 5: ⑯ ~ ⑱] on the chassis next, pull out the front panel from the chassis.
2. Release the 5 claws at the top and the 4 clows at the down of the sub-panel, and then remove the front panel aslant as in Fig. 5.

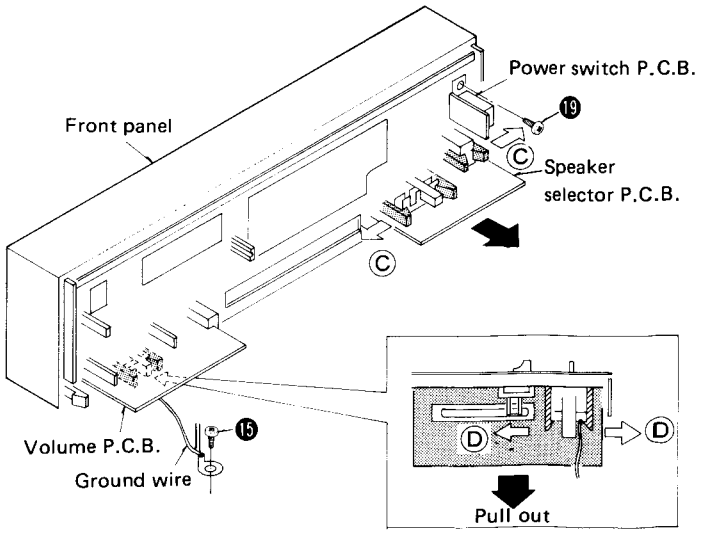


[Fig. 5]

- **How to remove the each switch P.C.B. attached to front panel [Fig. 6]**

1. Remove the cabinet. [See Fig. 1]
2. Remove the setscrew [Fig. 6: ⑮] of the ground wires and then remove the front panel.
3. To remove the setscrew [Fig. 6: ⑲] and remove the power switch P.C.B.
4. To remove the speaker selector P.C.B., release the claw in the direction of arrow Ⓒ, and pull out the P.C.B. toward the back of front panel.
5. To remove the volume P.C.B., release the claw in the direction of arrow Ⓓ, and pull out the P.C.B. toward the back of front panel.

Note:
[XA, PC] areas only
How to remove the power switch P.C.B.
To remove the front panel and remove the 2 setscrews on the front of sub-panel.



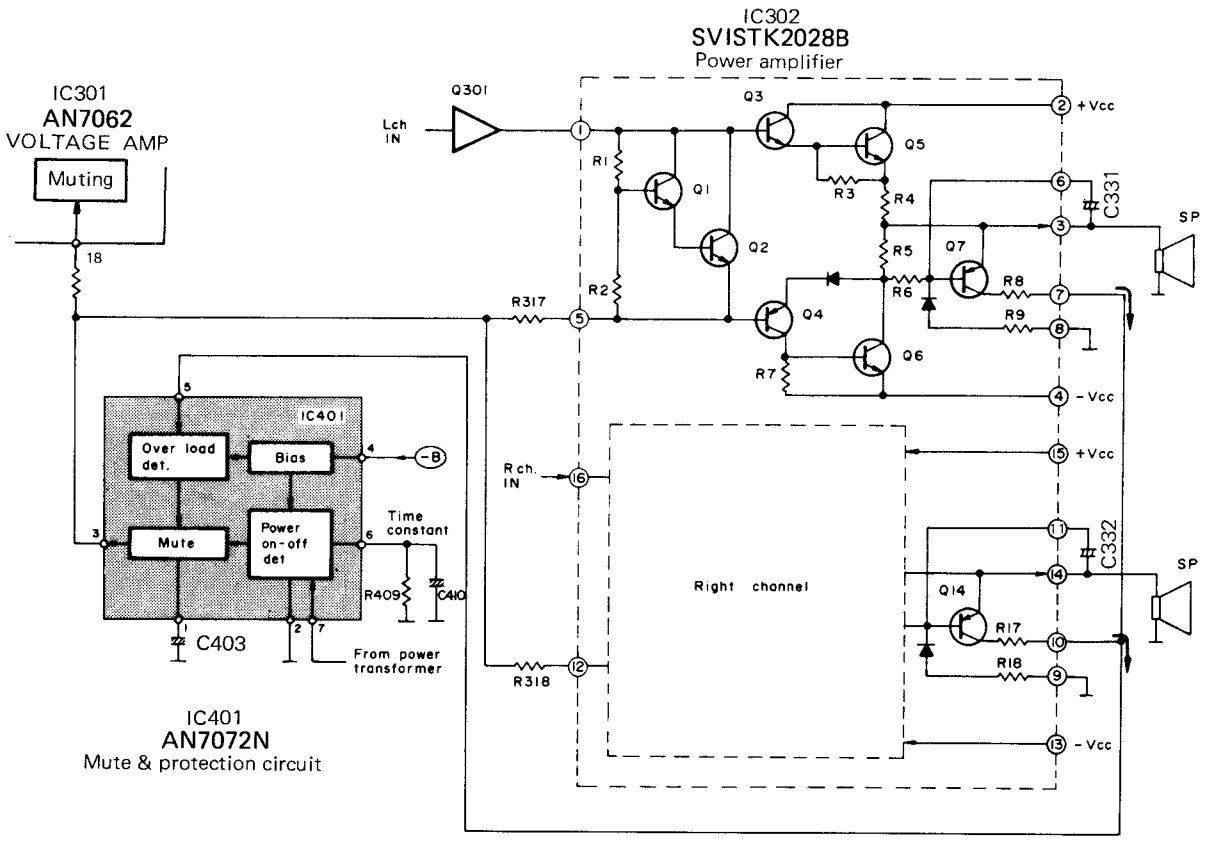
[Fig. 6]

■ POWER AMPLIFIER PROTECTION

• Short-circuit of speaker terminals

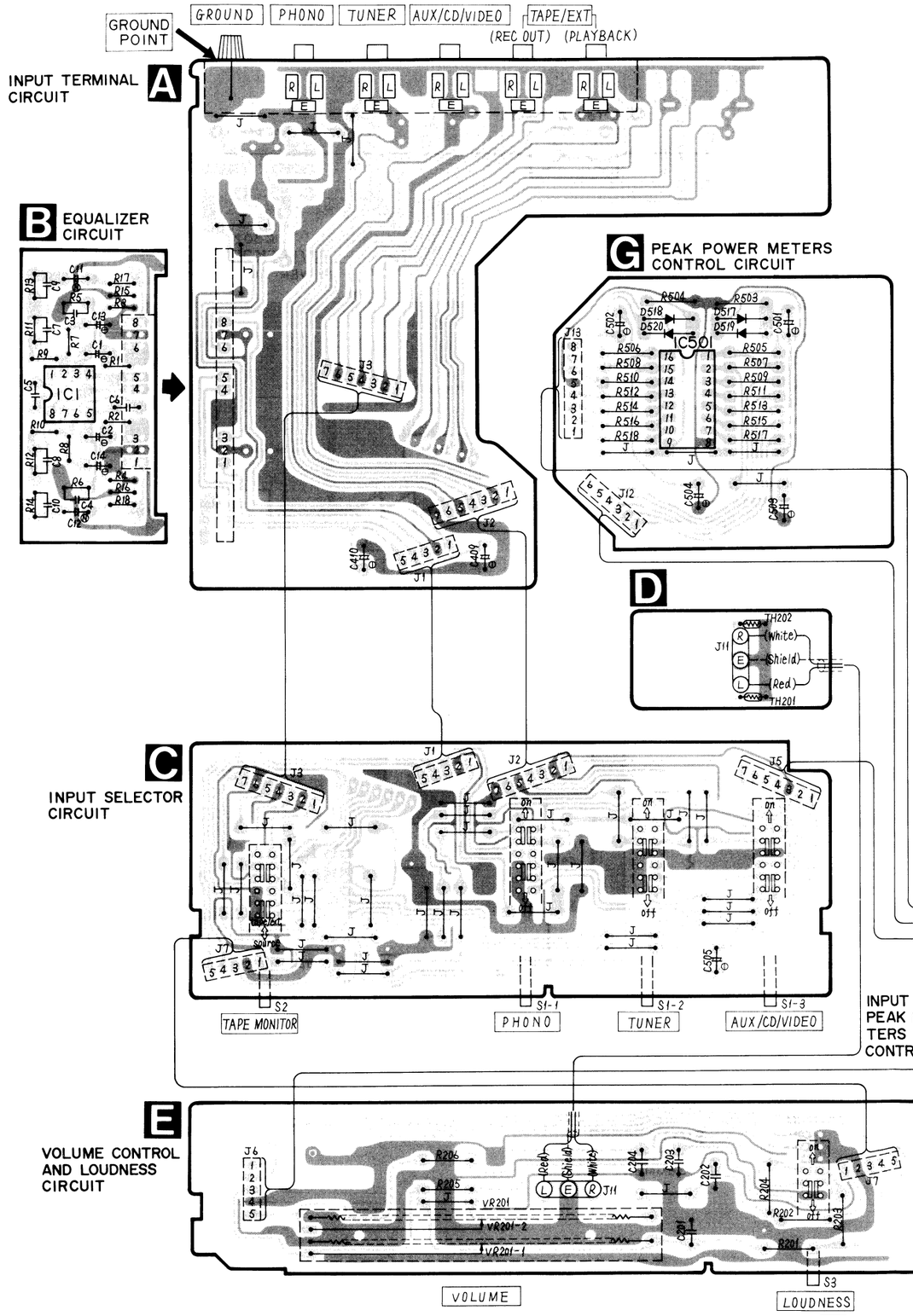
1. If speaker terminals are short-circuited, a high level current will flow to power amplifiers Q5 and Q6, causing the voltage across emitter resistor R5 to increase.
2. Voltage across R5 causes overload detecting transistor Q7 to turn ON.
3. Emitter voltage of Q7 (ground potential) goes to terminal ⑦ of IC302 through R8.
4. Voltage at terminal ⑦ is transmitted to terminal ⑤ of muting IC (IC401).
5. When the terminal ⑤ of IC401 reaches 0V, the muting circuit of IC401 operate.
   The muting circuit operate, the voltage of terminal ③ become 0V, and then power supply to the initial stage amplifier and driver stage of IC302 is discontinued.

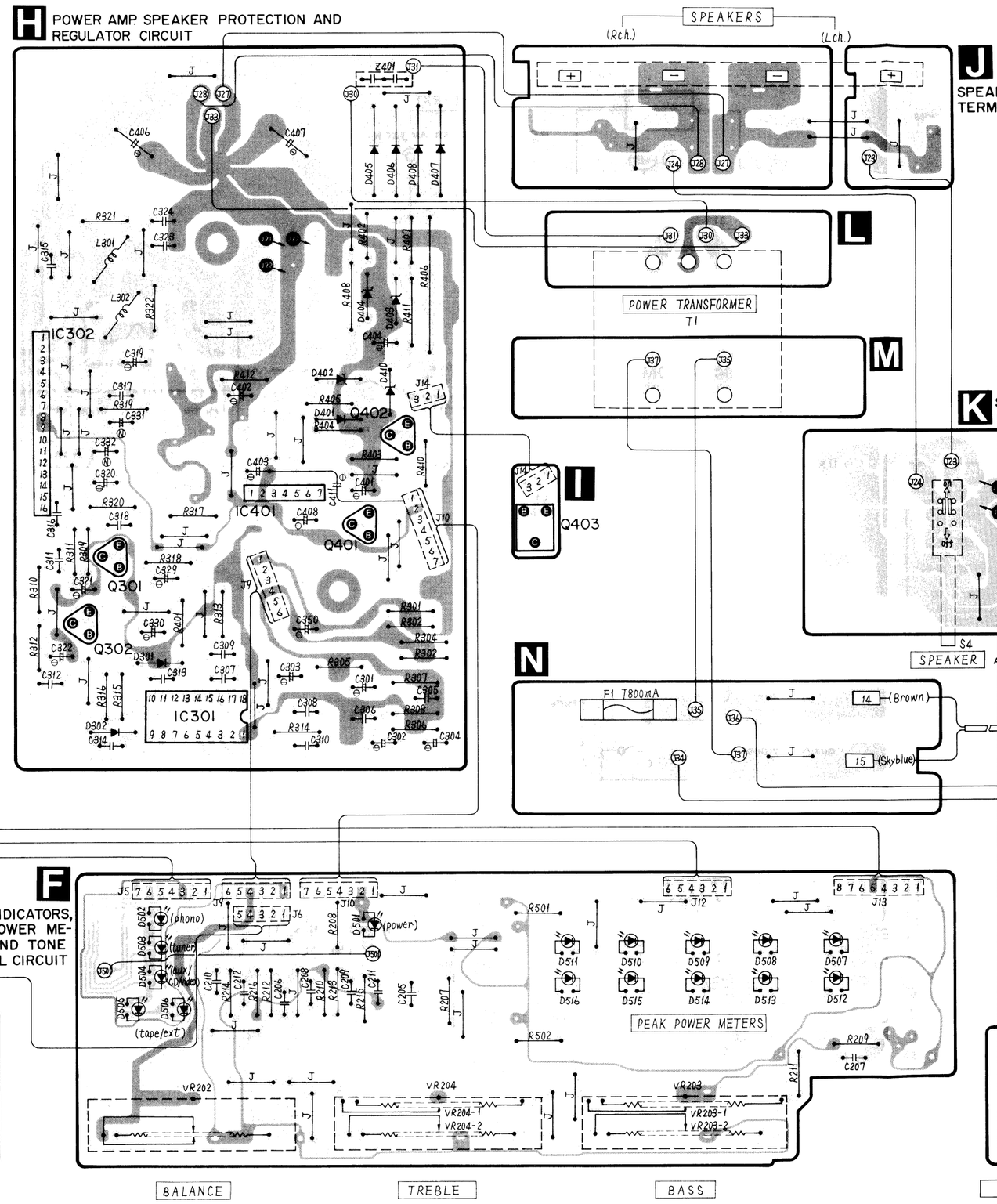
Note: 1. Terminal ③ of IC401 supplies power to drive circuit of power amplifier IC302, and supplies control voltage to muting circuit of voltage amplifier IC301.
2. IC401 is provided with muting function to prevent shock noise during power ON/OFF in addition to power amplifier protection.



[Fig. 7]

■ PRINTED CIRCUIT BOARDS/WIRING CONNECTION DIAGRAM





AM

K POWER METERS
TROL CIRCUIT

AUX/CD/VIDEO

LOUDNESS

7

H POWER AMP. SPEAKER PROTECTION AND REGULATOR CIRCUIT

IC302
IC401
IC301
Q401
Q402
Q301
Q302
Q403

SPEAKERS
(Rch.)
(Lch.)

J SPEAKER TERMINAL

L

POWER TRANSFORMER
T1

M

I

N

K SPEAKER SWITCH AND HEADPHONES JACK

SPEAKER
AC 220V 50/60Hz
HEADPHONES JACK

F1 T800mA
(Brown)
(Skyblue)
AC LINE

F INPUT INDICATORS, PEAK POWER METERS AND TONE CONTROL CIRCUIT

(phono)
(tuner)
(aux/CD/video)
(tape/ext)
(power)

PEAK POWER METERS

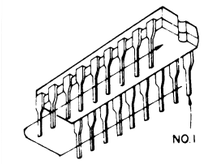
VR202
VR204
VR204-1
VR204-2
VR203
VR203-1
VR203-2

BALANCE
TREBLE
BASS

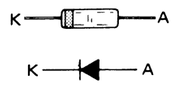
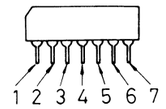
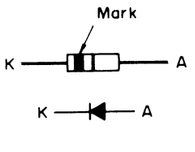
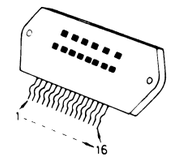
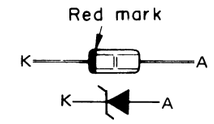
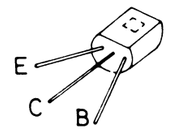
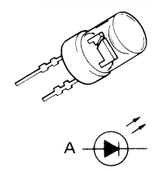
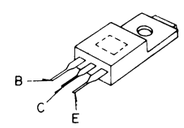
S3
S4
S5
POWER

8

• Terminal Guide of Transistors, Diodes and IC's



AN7062	18pin
SVITA7666P	16pin
SVINJ4559DDM	8pin

SVDS2V20	AN7072N
	
MA162A	SVISTK2028B
	
SVDMZ308B SVDMZ312C SVDMZ316	2SA992, 2SA1015, 2SD592A
	
SVDSLV56VC3 SVDSLV56YC3	2SD1265
	

9

■ RESISTORS & CAPACITORS

Notes: 1. Part numbers are indicated on most mechanical parts. Please use this part number for parts orders.
2. Important safety notice: Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
3. The "Ⓢ" mark is service standard parts and may differ from production parts.
4. The unit of resistance is Ω(ohm), K = 1000Ω, M = 1000kΩ.
5. The unit of capacitance is μF (microfarad), P = 10^{-6} μF
6. Bracketed indications in Ref. No. Columns specify the area. Parts without these indications can be used for all areas.

Numbering System of Resistor

Example

ERD	25	F	J	101
Type	Wattage	Shape	Tolerance	Value

Resistor Type	Wattage	Tolerance
ERD : Carbon ERG : Metal oxide ERO : Metal film	10 : 1/8W 25 : 1/4W S1 : 1/4W	J : ±5% K : ±10%

Numbering System of Capacitor

Example

ECKD	1H	103	Z	F
Type	Voltage	Value	Tolerance	Peculiarity

ECEA	50	M	R47	R
Type	Voltage	Peculiarity use	Value	Special use

Capacitor Type	Voltage		Tolerance
	ECEA Type	Other	
ECEA : Electrolytic ECCD : Ceramic ECKD : Ceramic ECQM : Polyester	1A : 10V 1E : 25V 1H : 50V 50 : 50V 25 : 25V	ECQP1 : 100V	J : ±5% K : ±10% Z : +80%, −20% P : +100%, −0%

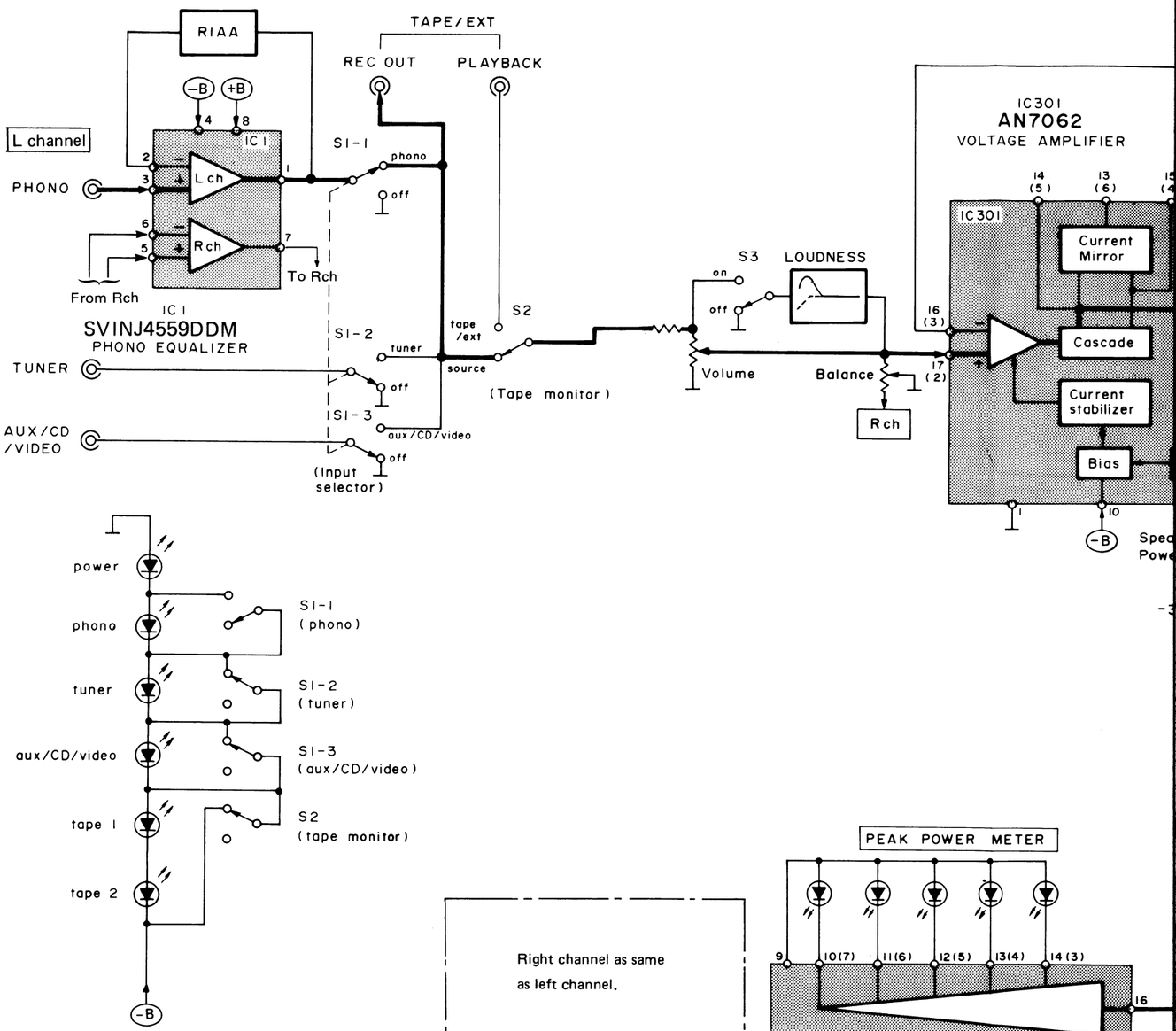
Ref. No.	Part No.	Value
RESISTORS		
R1,2	ERD10TLJ391U	390
R3,4	ER010MKG2213	221K
R5,6	ER010MKG5622	56.2K
R7,8	ERD10TLJ271U	270
R9,10	ERD10TLJ680U	68
R11,12	ERD10TLJ184U	180K
R13,14	ERD10TLJ123U	12K
R15,16	ERD10TLJ563U	56K
R17,18	ERD10TLJ102U	1K
R101,102 Ⓢ (EGA)only	ERD25FJ391	390
R103,104 Ⓢ (EGA)only	ERD25FJ222	2.2K
R105,106 Ⓢ (EGA)only	ERD25FJ222	2.2K
R107,108 Ⓢ (EGA)only	ERD25FJ222	2.2K
R109,110 Ⓢ (EGA)only	ERD25FJ222	2.2K
R201,202 Ⓢ (EGA)	ERD25FJ472	4.7K
R201,202 Ⓢ (other)	ERD25FJ272	2.7K
R203,204 Ⓢ	ERD25TJ183	18K
R205,206 Ⓢ	ERD25TJ393	39K
R207,208 Ⓢ	ERD25TJ223	22K
R209,210 Ⓢ	ERD25FJ332	3.3K
R211,212 Ⓢ	ERD25TJ184	180K
R213,214 Ⓢ	ERD25FJ562	5.6K
R215,216 Ⓢ	ERD25FJ102	1K
R301,302 Ⓢ	ERD25TJ223	22K

Ref. No.	Part No.	Value
R303,304 Ⓢ	ERD25FJ122	1.2K
R305,306 Ⓢ	ERD25FJ102	1K
R307,308 Ⓢ	ERD25TJ124	120K
R309,310 Ⓢ	ERD25TJ393	39K
R311,312 Ⓢ	ERD25TJ823	82K
R313,314 Ⓢ	ERD25FJ271	270
R315,316 Ⓢ⚠	ERD25FJ150	15
R317,318 Ⓢ	ERD25TJ332	3.3K
R319,320 Ⓢ	ERD25FJ272	2.7K
R321,322 Ⓢ⚠	ERD25FJ100	10
R323,324 Ⓢ	ERG1ANJ331	330
R401 Ⓢ	ERD25TJ333	33K
R402 Ⓢ	ERD25TJ153	15K
R403 Ⓢ	ERD25FJ331	330
R404 Ⓢ	ERD25TJ393	39K
R405 ⚠	ERDS1FJ471	470
R406 Ⓢ	ERG3ANJ330	33
R407 Ⓢ	ERD25FJ682	6.8K
R408 Ⓢ	ERG1ANJ122	1.2K
R410 Ⓢ⚠	ERD25FJ121	120
R411 Ⓢ	ERG1ANJ152	1.5K
R412 Ⓢ	ERD25TJ153	15K
R501,502 Ⓢ	ERD25TJ183	18K
R503,504 Ⓢ	ERD25FJ471	470
R505,506 Ⓢ	ERD25FJ682	6.8K
R507,508 Ⓢ	ERD25FJ103	10K
R509,510 Ⓢ	ERD25FJ151	150
R511,512 Ⓢ	ERD25FJ151	150
R513,514 Ⓢ	ERD25FJ151	150
R515,516 Ⓢ	ERD25FJ151	150
R517,518 Ⓢ	ERD25FJ151	150

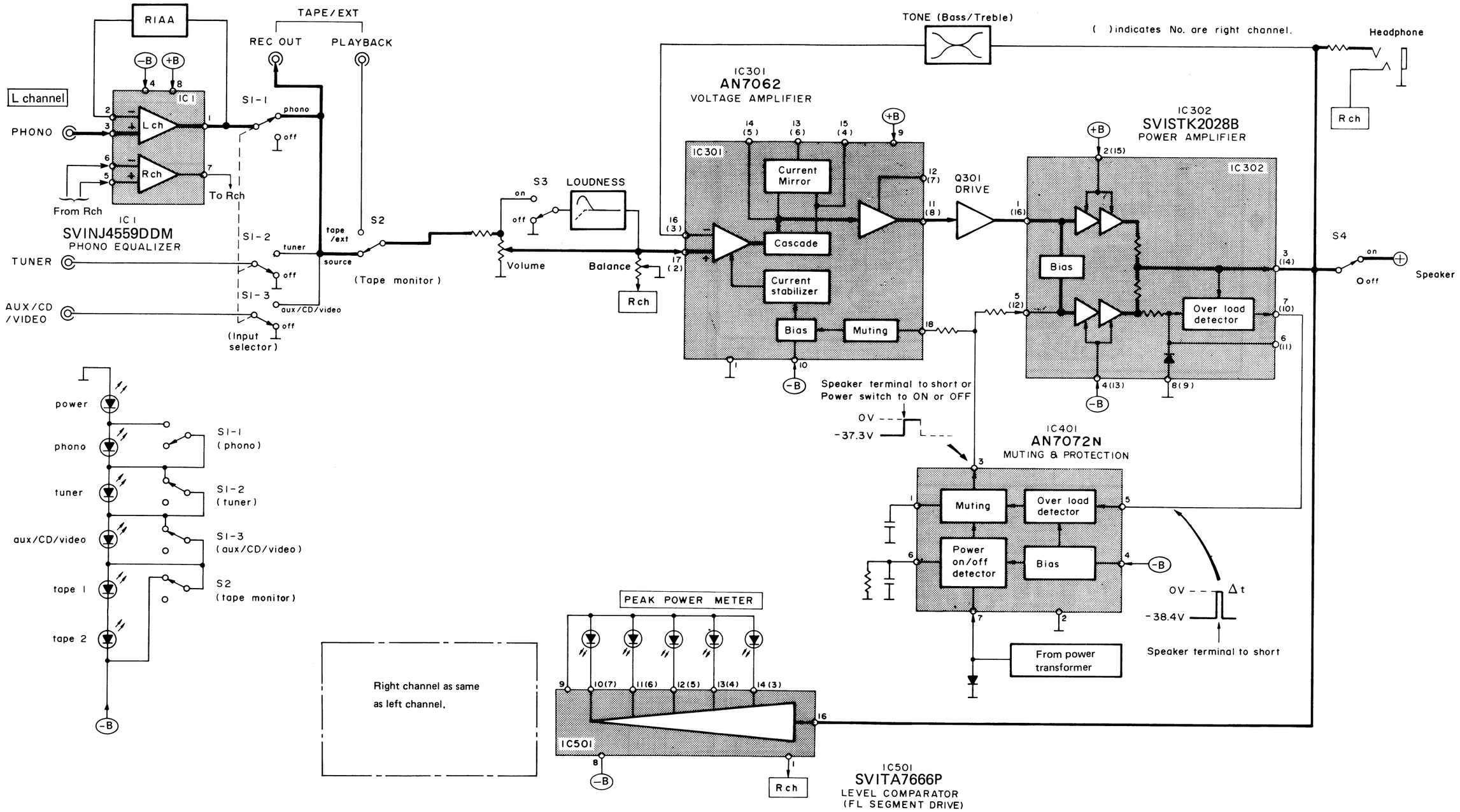
Ref. No.	Part No.	Value
CAPACITORS		
C1,2 Ⓢ	ECEA50Z3R3	3.3
C3,4 Ⓢ	ECCD1H101K	100P
C5,6 Ⓢ	ECKD1H471KB	470P
C7,8	ECQM1H223KV	0.022
C9,10	ECQM1H682JZ	0.0068
C11,12 Ⓢ⚠	ECEA1HN010S	1
C13,14 Ⓢ	ECEA1CS330	33
C101,102 Ⓢ (EGA)only	ECCD1H180KC	18P
C103,104 Ⓢ (EGA)only	ECCD1H101K	100P
C105,106 Ⓢ (EGA)only	ECCD1H101K	100P
C107,108 Ⓢ (EGA)only	ECCD1H101K	100P
C201,202 Ⓢ (EGA)	ECKD1H471KB	470P
C201,202 Ⓢ (other)	ECKD1H221KB	220P
C203,204 Ⓢ	ECQM1H563KV	0.056
C205,206 Ⓢ	ECQM1H153KV	0.015
C207,208 Ⓢ	ECQM1H823JZ	0.082
C209,210 Ⓢ	ECQM1H182JZ	0.0018
C211,212 Ⓢ	ECQM1H183KV	0.018
C301,302 Ⓢ	ECEA50Z3R3	3.3
C303,304 Ⓢ	ECEA1HS100	10
C305,306 Ⓢ	ECCD1H101K	100P
C307,308 Ⓢ	ECCD1H820K	82P
C309,310 Ⓢ	ECKD1H681KB	680P
C311,312 Ⓢ	ECCD1H050CC	5P
C313,314 Ⓢ	ECCD1H220KC	22P
C315,316 Ⓢ	ECCD1H820K	82P

Ref. No.	Part No.	Value
C317,318 Ⓢ	ECCD1H820K	82P
C319,320 Ⓢ	ECEA50Z4R7	4.7
C321,322 Ⓢ	ECEA50Z1	1
C323,324 Ⓢ	ECKD1H223ZF	0.022
C325,326 Ⓢ (EGA)only	ECKD1H103ZF	0.01
C329,330 Ⓢ	ECEA1ES220	22
C331 Ⓢ⚠	ECEA1EN3R3S	3.3
C332 Ⓢ⚠	ECEA1EN3R3S	3.3
C350 Ⓢ	ECEA50Z1	1
C401 Ⓢ	ECEA25Z4R7	4.7
C402 Ⓢ	ECEA50Z3R3	3.3
C403 Ⓢ	ECEA1AS470	47
C404 Ⓢ	ECEA1HS100	10
C406,407	ECETS42V472U	4700
C408 Ⓢ	ECEA50Z1	1
C409,410 Ⓢ	ECEA1VS330	33
C411 Ⓢ	ECEA1HS100	10
C501,502 Ⓢ	ECEA50ZR47	0.47
C503,504 Ⓢ	ECEA1ES220	22
C505 Ⓢ	ECEA1ES470	47
C601 ⚠	ECKDKC103PF2	0.01
C602 [XA,PC]⚠ only	ECKDKC103PF2	0.01
C603 [EGA / EF] only ⚠	ECQE2A473MW	0.047

■ BLOCK DIAGRAM



■ BLOCK DIAGRAM



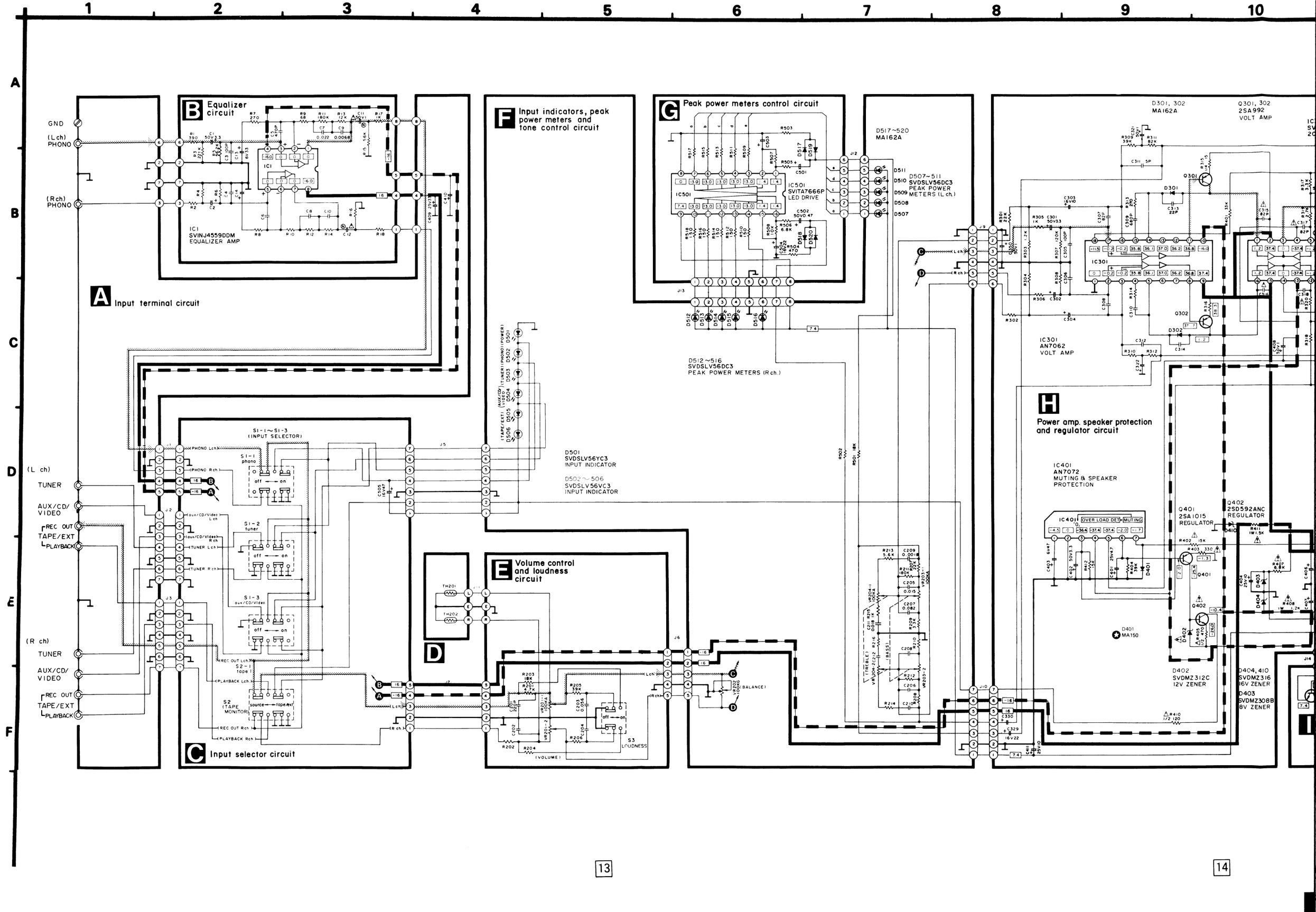
and may differ from

d).

ns specify the area.
ed for all areas.

Tolerance
J : ±5%
K : ±10%
Z : +80%, −20%
P : +100%, −0%

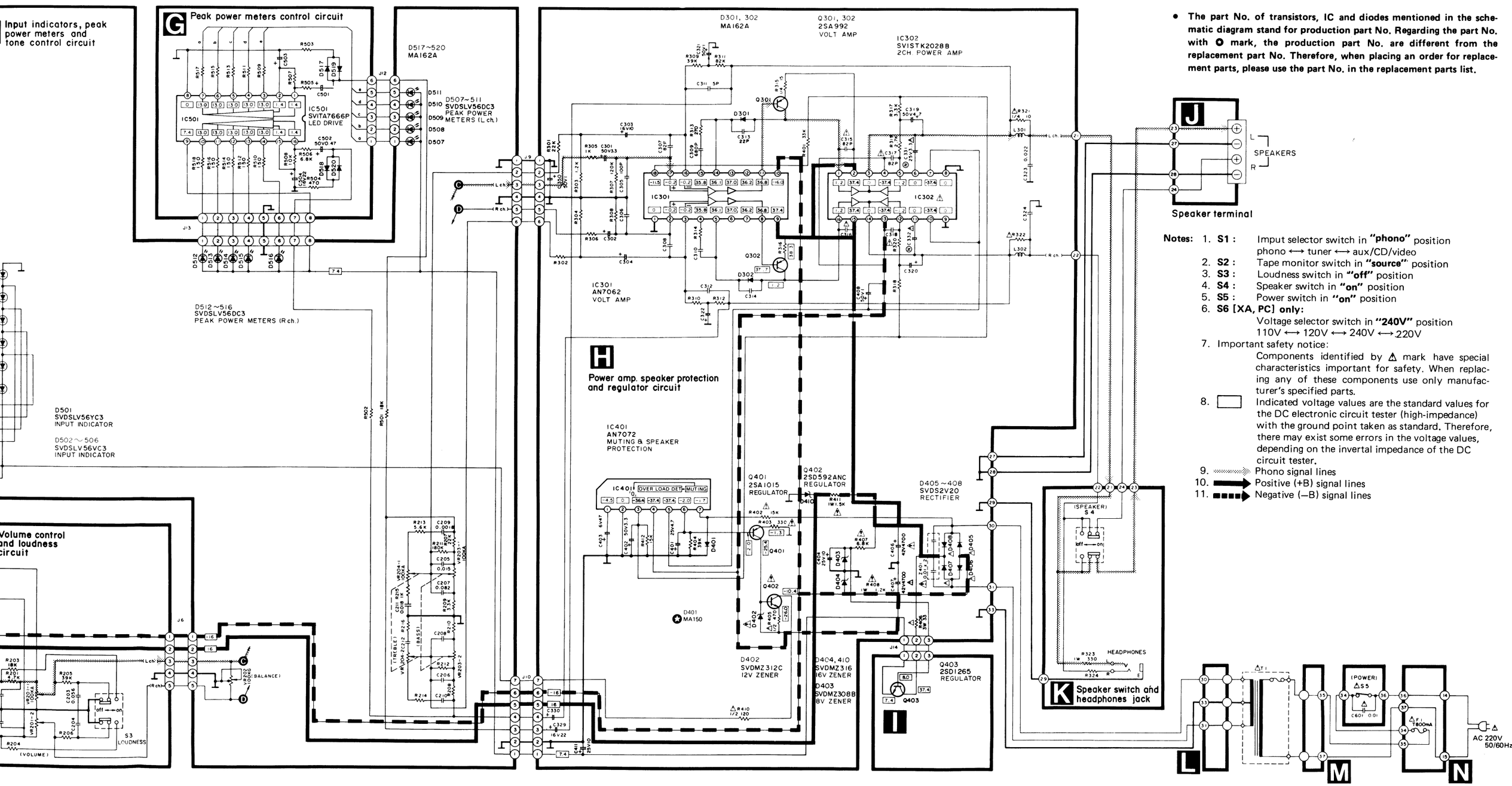
Part No.	Value
CCD1H820K	82P
CEA50Z4R7	4.7
CEA50Z1	1
CKD1H223ZF	0.022
CKD1H103ZF	0.01
CEA1ES220	22
CEA1EN3R3S	3.3
CEA1EN3R3S	3.3
CEA50Z1	1
CEA25Z4R7	4.7
CEA50Z3R3	3.3
CEA1AS470	47
CEA1HS100	10
CETS42V472U	4700
CEA50Z1	1
CEA1VS330	33
CEA1HS100	10
CEA50ZR47	0.47
CEA1ES220	22
CEA1ES470	47
CKDKC103PF2	0.01
CKDKC103PF2	0.01
CQE2A473MW	0.047


A Input terminal circuit
B Equalizer circuit
C Input selector circuit
D
E Volume control and loudness circuit
F Input indicators, peak power meters and tone control circuit
G Peak power meters control circuit
H Power amp. speaker protection and regulator circuit
GND
(L ch) PHONO
(R ch) PHONO
IC1 SVINJ4559DDM EQUALIZER AMP
(L ch)
TUNER
AUX/CD/ VIDEO
REC OUT TAPE/EXT PLAYBACK
(R ch)
S1-1~S1-3 (INPUT SELECTOR)
S1-1 phono
S1-2 tuner
S1-3 aux/CD/Video
S2 (TAPE MONITOR)
S2-1 tape 1
S3 LOUDNESS
(VOLUME)
(BALANCE)
TH201
TH202
D501 SVDSLV56YC3 INPUT INDICATOR
D502~506 SVDSLV56VC3 INPUT INDICATOR
D512~516 SVDSLV56DC3 PEAK POWER METERS (R ch.)
D517~520 MA162A
D507~511 SVDSLV56DC3 PEAK POWER METERS (L ch.)
IC501 SVITA7666P LED DRIVE
D301, 302 MA162A
Q301, 302 2SA992 VOLT AMP
IC301 AN7062 VOLT AMP
IC401 AN7072 MUTING & SPEAKER PROTECTION
Q401 2SA1015 REGULATOR
Q402 2SD592ANC REGULATOR
D401 MA150
D402 SVDMZ312C 12V ZENER
D404, 410 SVDMZ316 16V ZENER
D403 SVDMZ308B 8V ZENER

■ SCHEMATIC DIAGRAM

(This shcematic diagram may be modified at any time with the development of new technology.)

- **The part No. of transistors, IC and diodes mentioned in the schematic diagram stand for production part No. Regarding the part No. with ✪ mark, the production part No. are different from the replacement part No. Therefore, when placing an order for replacement parts, please use the part No. in the replacement parts list.**



Notes:

1. **S1 :** Imput selector switch in **"phono"** position
   phono ⟷ tuner ⟷ aux/CD/video
2. **S2 :** Tape monitor switch in **"source"** position
3. **S3 :** Loudness switch in **"off"** position
4. **S4 :** Speaker switch in **"on"** position
5. **S5 :** Power switch in **"on"** position
6. **S6 [XA, PC] only:**
   Voltage selector switch in **"240V"** position
   110V ⟷ 120V ⟷ 240V ⟷ 220V
7. Important safety notice:
   Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
8. ▭ Indicated voltage values are the standard values for the DC electronic circuit tester (high-impedance) with the ground point taken as standard. Therefore, there may exist some errors in the voltage values, depending on the invertal impedance of the DC circuit tester.
9. ⋯⋯ Phono signal lines
10. ▬▶ Positive (+B) signal lines
11. ▬ ▬ ▶ Negative (—B) signal lines

■ REPLACEMENT PARTS LIST

Notes: 1. Part numbers are indicated on most mechanical parts. Please use this part number for parts order.
2. Important safety notice: Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Ⓚ –marked parts are used for black only, while ○ –marked parts are for silver type only.
4. Part other than Ⓚ – and ○ –marked are used for both black and silver type.
5. Bracketed indications in Ref. No. Columns specify the area. Parts without these indications can be used for all areas.
6. The Ⓢ mark is service standard parts and may differ from production parts.
7. The parenthesized numbers in the column of description stand for the quantity per set.

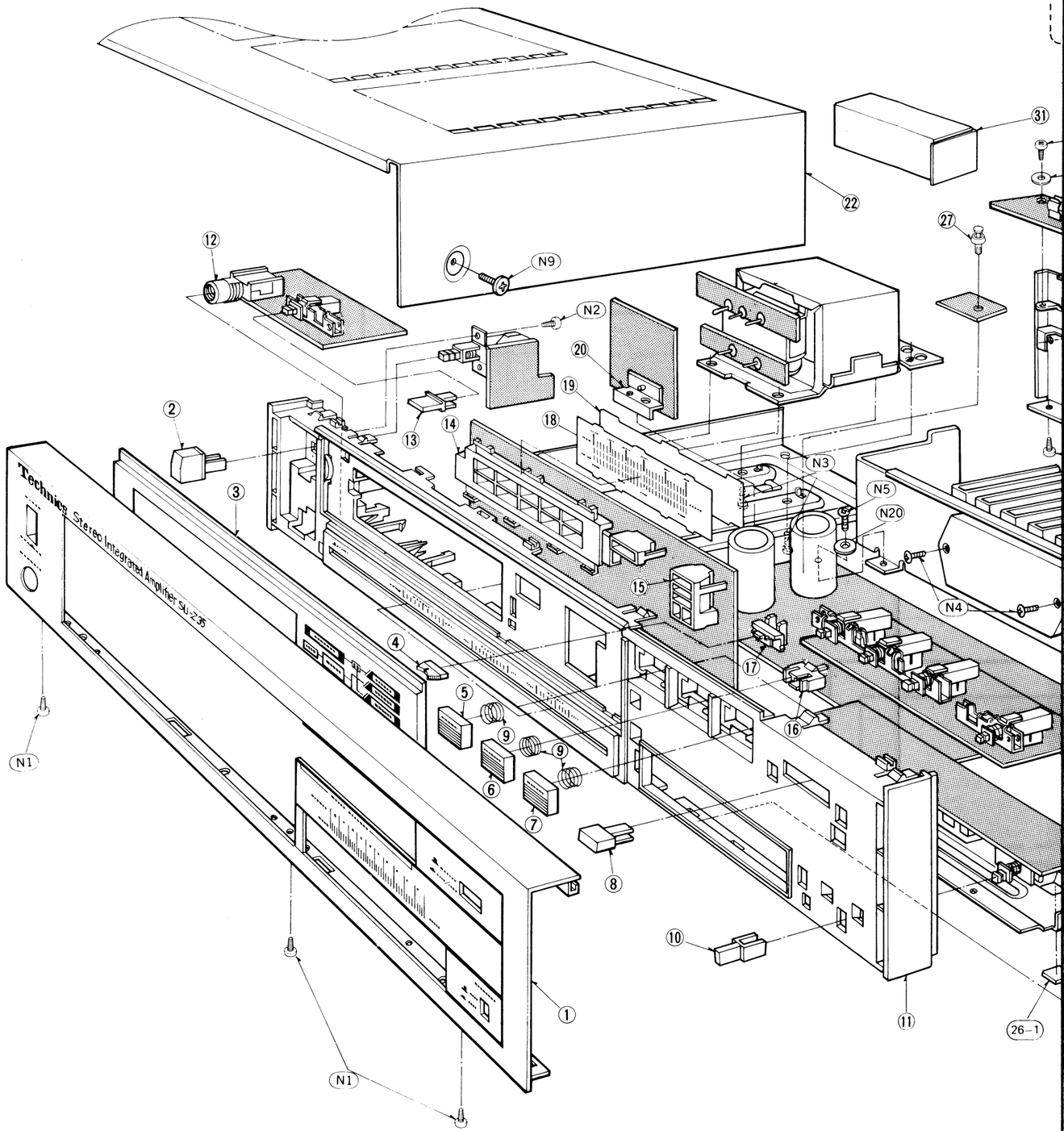
Black type model No. SU-Z35(K)

Ref. No.	Part No.	Part Name & Description
INTEGRATED CIRCUITS		
IC1	SVINJ4559DDM	Equalizer
IC301	AN7062	Voltage Amp
IC302	SVISTK2028B	Power Amp
IC401	AN7072N	Muting
IC501	SVITA7666P	Comparator
TRANSISTORS		
Q301,302	2SA992	Driver
Q401	2SA1015–Y	Switching
Q402	2SD592ANC–Q	Regulator
Q403	2SD1265–P	Regulator
DIODES		
D301,302,401,Ⓢ 517~520	MA162A	Bias
D402	SVDMZ312C	12V Zener
D403	SVDMZ308B	8V Zener
D404,410	SVDMZ316A	16V Zener
D405~408 ⚠	SVDS2V20	Rectifier
D501	SVDSLV56VC3	LED(Red), Power
D502~506	SVDSLV56YC3	LED(Yellow), Selector
D507~516	SVDSLV56DC3	LED(Amber), Peak Power Level Meter
COILS		
L101~104 (EGA)only	ELQS181KB	Choke, Input
L301,302	SLQY07G–30	Choke, Output
L601(EGA)only	SLQZ650MH49	Choke, AC Line
TRANSFORMERS		
T1(EK, XL) ⚠	SLT5M319–W	Power Source
T1[XA,PC] ⚠	SLT5M321–W	Power Source
T1(other) ⚠	SLT5M317–W	Power Source
VARIABLE RESISTORS		
VR201	EWF00105A15S	Volume Control, 100kΩ(A)
VR202	EWANF5X05G15	Balance Control, 100kΩ(G)
VR203,204	EWANA6X05A15	Bass and Treble Control, 100kΩ(A)
THERMISTERS		
TH201,202	RRT104	10kΩ
COMPONENT COMBINATIONS		
Z401	SXRFS203ZSM	0.01μF×2
SWITCHES		
S1	SSH3059	Input Select
S2	SSH1115	Tape Monitor
S3	SSH1117	Loudness
S4	SSH1121	Speaker
S5[XA,PC] ⚠	ESB90227S	Power Source
S5(other) ⚠	SSH1071	Power Source
S6 ⚠	ESE37219	Voltage Select
FUSES		
F1 ⚠	XBA2C08TR0	T800mA, 250V
F2[XA,PC] ⚠ only	XBA2C16TR0	T1.6A, 250V

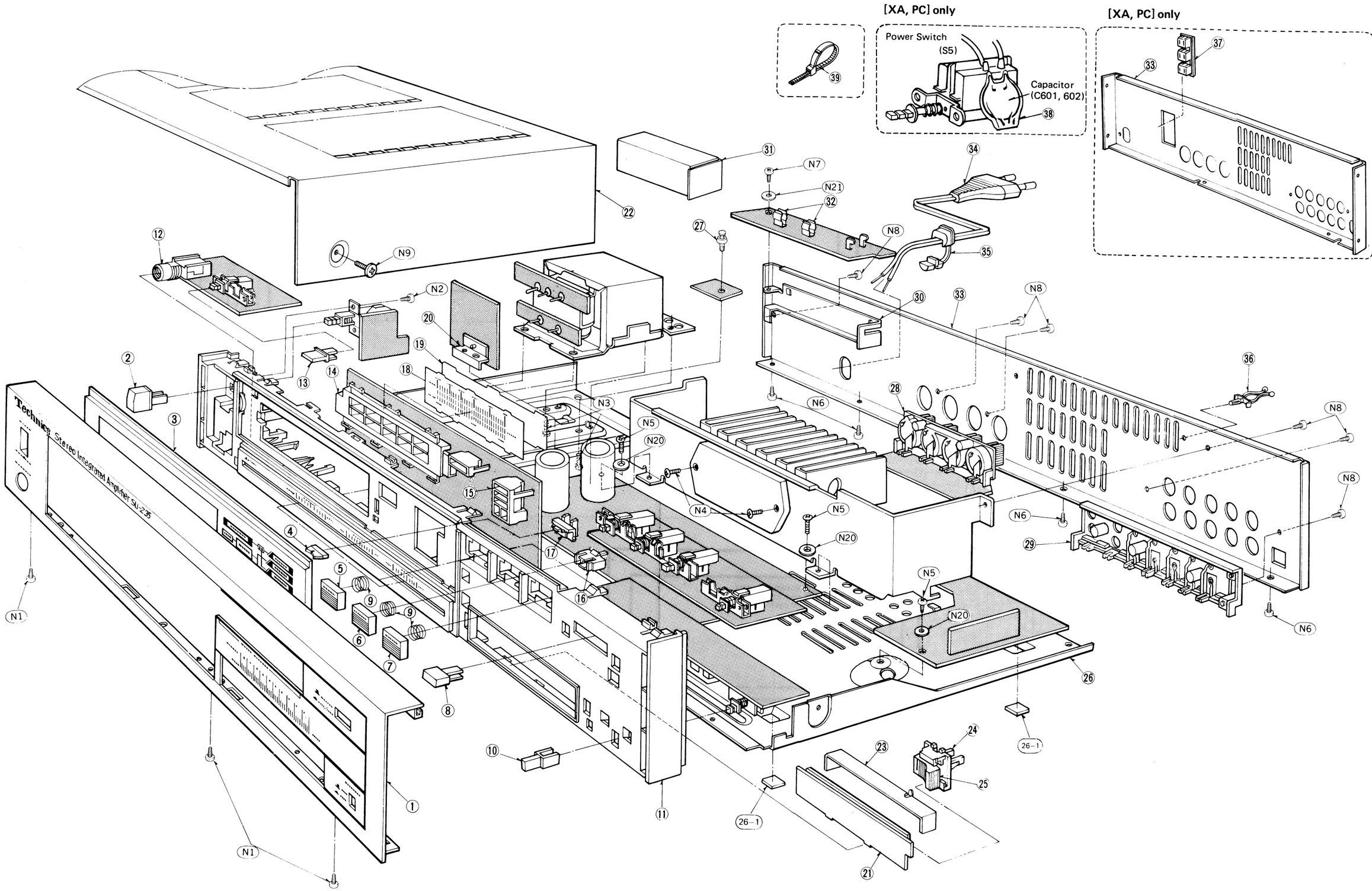
Ref. No.	Part No.	Description
CABINET and CHASSIS PARTS		
1 ○	SGWUZ35E	Front Panel Ass'y (Silver) (1)
1 Ⓚ	SGWUZ35KE	Front Panel Ass'y (Black) (1)
2	SBC337–1	Button, Power (1)
3	SGUUZ55–SE	Transparent Plate Ass'y
4	SBD69–1	Button, Bass, Treble, Balance (4)
5	SBW423–2	Button, Aux (1)
6	SBW423–1	Button, Tuner (1)
7	SBW423	Button, Phono (1)
8	SBC369–2	Button, Tape Monitor (1)
9	SUS191–2	Spring (3)
10	SBC571	Button (1)
11 ○	SGX7531	Sub Front Panel (1)
11 Ⓚ	SGX7531–2	Sub Front Panel (1)
12	SJJ63B	Jack (1)
13	SBC315–3	Button, Speaker (1)
14	SMP351	Holder, LED (1)
15	SMP349	Holder, LED (1)
16	SHR9629	Holder, Aux, Tuner, Phono (3)
17	SHR9673	Holder, Bass, Treble, Balance (3)
18	SDU217	Dial Skale (1)
19	SDU219	Filter (1)
20	SUW2125	Bracket (1)
21 ○	SGXUZ55–SE1	Ornament Plate (Silver) (1)
21 Ⓚ	SGXUZ55–KE1	Ornament Plate (Black) (1)
22 ○	SKC1550S1	Cabinet(Silver) (1)
22 Ⓚ	SKC1550BB1	Cabinet(Black) (1)
23	SMC1127	Shield Cover (1)
24	SHR9675	Holder (1)
25	SBD83	Button (1)
26[XA,PC]	SKUUZ35X	Bottom Board Ass'y(W/Feet) (1)
26(other)	SKUUZ35E	Bottom Board Ass'y(W/Feet) (1)
26–1	SHS2481	Foot (4)
27	SHR401–1	Crip, PCB (1)
28	SJF4433	Terminal Board, Speaker (1)
29	SJF3059–1N	Terminal Board, Input (1)
30	SMK59	Bracket (1)
31[XA,PC]	SMX799	Shield Cover (1)
31(other)	SMX779	Shield Cover (1)
32	SJT347	Crip, Fuse (2)
33(EGA)	SGP3790B	Rear Panel (1)
33(EK)	SGP3790C	Rear Panel (1)
33[XA,PC]	SGP3790–1A	Rear Panel (1)
33(XL)	SGP3790–2A	Rear Panel (1)
33(other)	SGPUZ35E	Rear Panel Ass'y (1)

Ref. No.	Part No.	Description
34(EK) Ⓢ⚠	QFC1205M	Cord, Power Source (1)
34[XA,PC]Ⓢ⚠	SJA111	Cord, Power Source (1)
34(XL) Ⓢ⚠	QFC1207MA	Cord, Power Source (1)
34(other) Ⓢ⚠	SJA165	Cord, Power Source (1)
35(EK)	SHR129	Bushing (1)
35(XL)	SHR131	Bushing (1)
35(other)	SHR127	Bushing (1)
36	SHR317	Clamper, AC Cord (1)
37 [XA,PC] only	SJS601–2	Socket (1)
38 [XA,PC] only	SMX685	Cover, Capacitor(1)
39	SHR301	Clamper, Lead Wire (2)
SCREWS		
N1 Ⓢ	XTB3+8BFN	Tapping, ⊕3×8 (3)
N2 Ⓢ	XTB3+8BFN	Tapping, ⊕3×8 (1)
N3 Ⓢ	XTB4+10BFN	Tapping, ⊕4×10(4)
N4 Ⓢ	XTB3+16BFN	Tapping, ⊕3×16(2)
N5 Ⓢ	XTB3+8BFN	Tapping, ⊕3×8 (2)
N6 Ⓢ	XTB3+8BFN	Tapping, ⊕3×8 (4)
N7 Ⓢ	XTB3+8BFN	Tapping, ⊕3×8 (1)
N8 Ⓢ	XTB3+8BFZ	Tapping, ⊕3×8 (6)
N9 ○	SNE2095–2	Cabinet(Silver) (2)
N9 Ⓚ	SNE2095–3	Cabinet(Black) (2)
WASHERS		
N20 Ⓢ	XWG3	Thin, φ3 (3)
N21 Ⓢ	XWG3	Thin, φ3 (1)
ACCESSORIES		
A1 [XA,PC] only	SJP5213–1	Plug (1)
A2 [XA,PC] only	SJP5215	Plug (1)
A3 [XA,PC] only	SPB1065–1	Polyethylene Sheet (1)
A4(EK)	SQF11795	Instruction Book (1)
A4(EF)	SQF11797	Instruction Book (1)
A4(EI)	SQF11799	Instruction Book (1)
A4 [XA,PC] only	SQF11803	Instruction Book (1)
A4(XL)	SQF11801	Instruction Book (1)
A4(EGA)	SQF11793	Instruction Book (1)
A4(other)	SQF11791	Instruction Book (1)
PACKING PARTS		
P1(EF)	SPG4503	Carton Box (1)
P1(other)	SPG4501	Carton Box (1)
P2	SPS4089–1	Pad, Left (1)
P3	SPS4091–1	Pad, Right (1)
P4	SPS4141	Pad, Upper (1)
P5	SPP719	Polyethylene Sheet (1)

■ EXPLODED VIEW



■ EXPLODED VIEW



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el No. SU-Z35(K)

	Description
	Cord, Power Source (1)
	Cord, Power Source (1)
	Cord, Power Source (1)
	Cord, Power Source (1)
	Bushing (1)
	Bushing (1)
	Bushing (1)
	Clamper, AC Cord (1)
	Socket (1)
	Cover, Capacitor (1)
	Clamper, Lead Wire (2)
	Tapping, ⊕3×8 (3)
	Tapping, ⊕3×8 (1)
	Tapping, ⊕4×10 (4)
	Tapping, ⊕3×16 (2)
	Tapping, ⊕3×8 (2)
	Tapping, ⊕3×8 (4)
	Tapping, ⊕3×8 (1)
	Tapping, ⊕3×8 (6)
	Cabinet (Silver) (2)
	Cabinet (Black) (2)
	Thin, φ3 (3)
	Thin, φ3 (1)
	Plug (1)
	Plug (1)
	Polyethylene Sheet (1)
	Instruction Book (1)
	Instruction Book (1)
	Instruction Book (1)
	Instruction Book (1)
	Instruction Book (1)
	Instruction Book (1)
	Instruction Book (1)
	Carton Box (1)
	Carton Box (1)
	Pad, Left (1)
	Pad, Right (1)
	Pad, Upper (1)
	Polyethylene Sheet (1)

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